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(Dementi photo)

Richglad
Garden

Gladiolus

3126 Woodrow Avenue
Richmond, Virginia

Guide for
1939

The Flower Supreme

TERMS AND CONDITIONS

Except when otherwise stated, we offer gladiolus bulbs in large size only; 1¼ inches or more in diameter. This is the best blooming size, and we recommend this size for immediate results. Other sizes, designated Medium indicate bulbs ¾-inch to 1¼ inches; Small, indicates bulbs ½- to ¾-inch in diameter. Small bulbs seldom give much more than a very short spike but produce large bulbs for the following season.

Bulblets seldom bloom the first year, and are not guaranteed to grow, as a large percentage of these "baby" bulbs always fail to germinate.

We pay delivery charges on all bulbs listed in this catalog. Full remittance should accompany all orders. Currency sent by unregistered mail is entirely at sender's risk. However, local orders (Richmond city only) will be accepted for C.O.D. delivery without deposit. Dial 3-0789.

Orders aggregating less than \$1.00, or for items of any variety less than the minimum number of bulbs shown by our list, will not be accepted and remittance, if any, will be returned.

Our low prices do not permit any further discounts for quantity orders. Our stock is *hand dug and hand cleaned*. Our bulbs are warranted true to name and disease-free, and we are in position to furnish top-size two-year-old bulbs equal in quality to any bulbs you can buy. *If you are not satisfied, return them at our expense and your money will be refunded without question.*

All stock is offered and orders accepted subject to prior sale. We have considerable stock of most varieties offered but due to large advance orders already booked, we would suggest that you order early to avoid disappointment. We do not substitute without your permission but would suggest that you name one or two second choices or authorize us to send double the quantity of medium size bulbs if sold out of large bulbs of varieties ordered. Medium bulbs usually produce almost as fine spikes as large bulbs but seldom more than one spike per bulb, whereas large bulbs frequently give two.

Our variety descriptions are a frank statement of their performance in our garden but we give no warranty, expressed or implied, of their performance under conditions over which we have no control.

Shipment will not be made until all danger of freezing in transit is over, about April 1. This is sufficiently early for planting in this section. Shipment to southern points will be made earlier if requested.



Bulbs come out of dirt and have other troubles to contend with. Do not expect all of them to look spotlessly clean. Frequently they develop bruise marks from non-moving contact with storage trays or show occasional bruises from removal of old bulbs and roots in cleaning. Again some varieties become discolored in drying in storage or are stained from husks if the season is wet at digging time as was the case last season. Such injuries affect only the appearance of the bulb and not its ability to perform.

Our bulbs are all hand-cleaned and inspected and are generally free from defacement from any cause.

FOREWORD



In this, our third catalog, we are happy to report a greatly increased demand for our stock for the past season and wish to thank our friends and customers for their expressions of appreciation and their patronage which has enabled us to offer a finer list of varieties herein.

We have no new introductions of our own to offer this year although we have several fine seedlings under test and hope to offer some outstanding new ones for 1940. We are listing FANTASIA, a very fine new variety from Mr. John Brauer of Vestal, New York, offered for the first time this year. (See picture, page eleven.) We also wish to call to your attention the sensational new PEGGY LOU, produced from the same cross that gave the famous Picardy, and GRAND OPERA, Mr. Salbach's new patented gladiolus.

You may notice that the Richglad list of varieties is comparatively small numerically, but at the same time, you will find that we list most gladiolus of real importance. Out of the many new varieties introduced each year, we endeavor to select only those of outstanding merit which perform well under our growing conditions without special culture. In so doing, we may eliminate many varieties that will, at times, produce spikes of prize-winning caliber, but we believe that we offer you only varieties that will produce the finest flowers in your garden.

In making your selection, do not judge the relative merits of varieties by the price alone. Prices are fixed upon the quantity of stock available as well as upon the merit of the variety itself. New varieties are either different from older ones in color or form, or are superior in performance to similar varieties already in commerce. However, unless you are a connoisseur or experienced grower, you may safely make your selection from our general list of varieties offered at very low prices. We have added to our general list this year several varieties of real merit in the red and rose-red colors. Outstanding varieties in these colors are the exception rather than the rule and we are fortunate in being able to offer some good ones in the darker colors.



OWNERSHIP AND REFERENCES

Many persons, for good and sufficient reasons, wish to know the individuals with whom they deal. For those we wish to state that the personnel of RICHGLAD GARDEN is F. L. Worcester, Proprietor and General Manager, 3126 Woodrow Avenue, Richmond, Virginia, and R. M. Worcester, Manager of Nurseries at Hunton Station, Glen Allen, Virginia. As to our reliability, we respectfully refer you to Fifteenth Street Branch, Southern Bank and Trust Company, Richmond, Virginia.

The trade name, RICHGLAD GARDEN, is duly recorded as required by Virginia State law and we wish to assure you that our principal aim is to make this name a hallmark of quality in the production and sale of bulbs, plants and cut-flowers. You will receive our special iris catalog about May 1st.



New and Recent Introductions



MATOAKA (Brauer-Richglad 1938)

(Seedling of Red Lory x Diablo)

Rich velvety red, seventeen to eighteen $4\frac{1}{2}$ -inch florets, 7 to 8 open on 20- to 24-inch flowerhead; always straight with good double-row placement, blooming 65 to 70 days. Very vigorous grower with broad upright dark healthy foliage which stands out in field. Produces many large bulblets (even from bulblet stock) which germinate very well. We counted 90 large bulblets from one bulb. Good spikes from No. 4 and up. Note spikes from No. 5 pictured at right.

Unable to exactly match color on Ridgeway chart. Sheen of flower such that color varies according to angle from which it is viewed. Color seems nearest to deep amaranth red or burgundy. Tip florets bloom out perfectly in water after cutting.

Grown from bulblets this season, it has produced a large percentage of No. 1 and No. 2 bulbs. Bulbs always well shaped, good keepers and appear disease resistant. Two reports last season "placement not very good" and in one or two spikes in our own garden, we noted lower florets too wide apart for good styling. We believe this condition due to extremely wet season as it has not appeared before. Matoaka's performance during drought conditions of 1936 was remarkably good, producing fair spikes when most other varieties failed entirely. We have not yet found the gladiolus of perfect performance, and it seems some fault could be overlooked in a black-red which discards the outstanding faults of older varieties of this color. Here are some reports received for 1938—

Legion Trial Gardens, Spring Green,
Wisconsin—

Height 64"; head length 24"; No. buds 20 to 22; 8 open, 6 in color; facing and

spacing excellent; texture, very good; type stem heavy, all straight; foliage very broad, upright, and healthy. Comment "Dark velvet red. Our copy is marked excellent with heavy underscoring. This also has earliness in its favor and should become popular. We enjoy raising glads of this caliber."

Mr. Dwight F. Davis, Treasurer, Sioux City Gladiolus Society—

"No. 3 was planted May 21st, cut August 2nd with two open florets and 15 buds; it stood 40-inches high in the field. This spike placed in cold storage until the 5th, when taken out and kept in warm room over night and the next morning placed on the table in our air-conditioned show room with 5 open florets. This spike didn't begin to compare with the other two, as either would have carried off blue ribbon in their class. The judges' decision was Satin 1st, Matoaka 2nd and Black Opal 3rd."

(Picture on right taken in Mr. Davis' garden and is one of other two referred to. It stood 48" tall.)

Rev. Fred W. Gray, West Virginia—

"Your Matoaka gladiolus did fine. Very dark blooms flecked with almost black and several open. From large bulbs it must be a wonder. Our bulbs were medium and planted late."

ALANDALE (Brauer-Richglad 1938)

(Seedling of Picardy x Wuertembergia)

Wide open deep pink self, slightly deeper feather, opening 8 to 9 huge florets on very tall well arranged spike. Yearling bulbs consistently produce full size spikes for cutting. This one has not yet been so widely distributed as Matoaka, but it again has been a wonderful grower in our own garden, spikes from small bulbs consistently matching the famous Peggy Lou from same size. It apparently carries the same Apricot Glow strain as Picardy and Peggy Lou in a deeper color and equals either of them, both as a consistent grower and propagator. It consistently produced florets over 6 inches in diameter last season.

Large bulbs \$1.00 each; 10 for \$7.50.

Medium 60c each; 10 for \$4.00.

Small 30c each; 10 for \$2.00.

Bulblets 10 for 50c; 100 for \$3.00.

Mr. J. T. Robertson, Washington—

"Matoaka did very well, I think, under the circumstances. Had three spikes, nice ones, well placed and spaced, all at one time but not at show time."

(Mr. Robertson grows most of the new ones. We did not have any spikes of Matoaka at show time either. All bloomed about ten days too soon.)

Mr. L. B. Wright, California—

"I saw your glad Matoaka in bloom and think it the best dark red I have ever seen; clean color and a fine spike."

Prices of Matoaka for 1939 are:

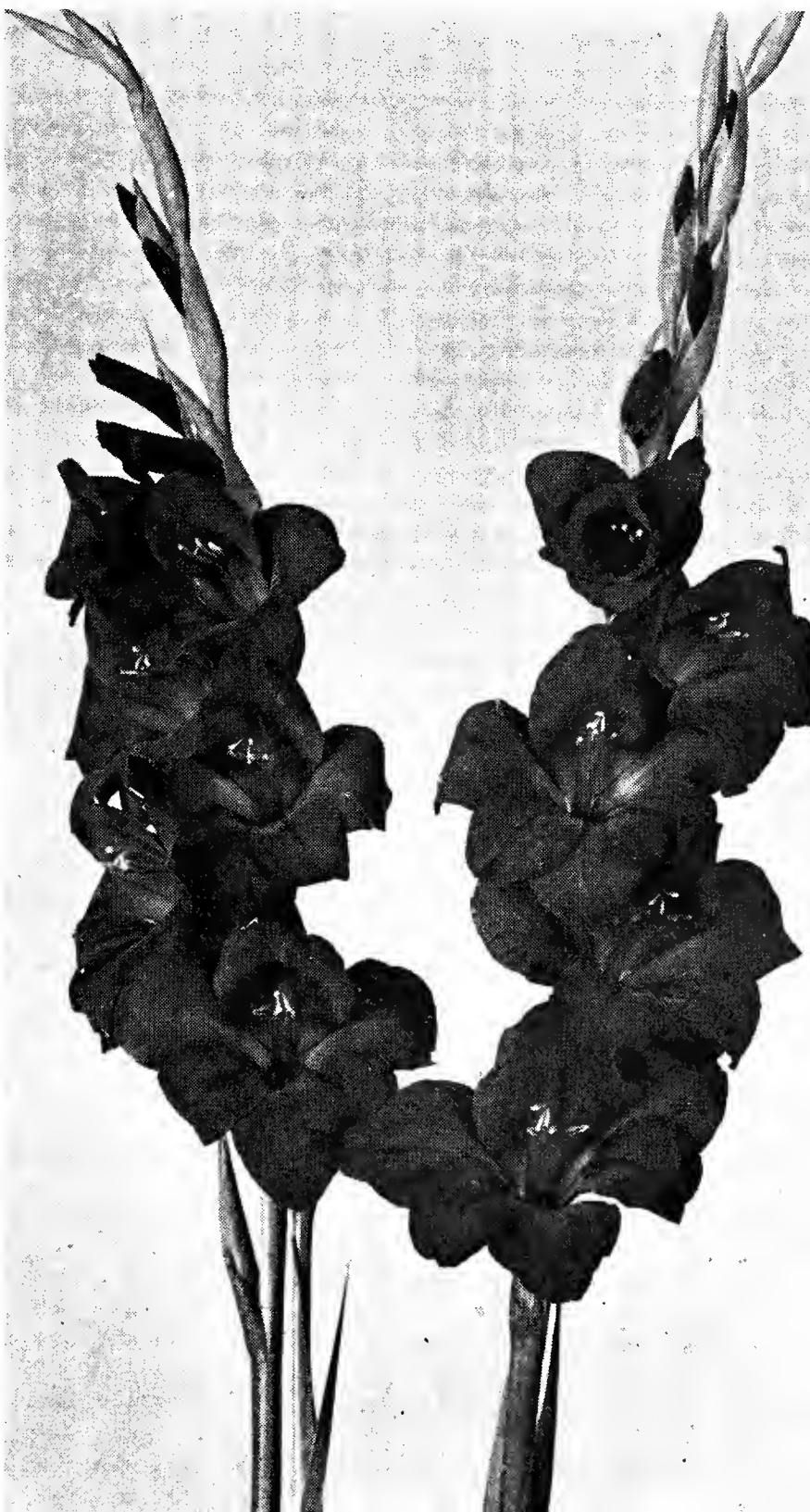
Large bulbs \$3.00 each; medium \$2.00.

Small \$1.00 each; 10 for \$8.00.

Bulblets 10c each; 10 for 80c;

100 for \$7.50.

Matoaka Grown from # 5 Bulbs



ALADDIN (Palmer-Gove)

Color grenadine to grenadine pink in throat with small light cream blotch. Opens 8 to 10 very large waved florets at one time with total of 20 buds on a strong straight spike. Exceptionally strong grower and fine propagator. A new one from Mr. Palmer, introduced as a wonder glad and from the reports we have from fans and other growers, it is making good everywhere.

Large bulbs \$4.00 each; 10 for \$32.00.

Medium \$3.00 each; 10 for \$24.00.

Small \$2.00 each; 10 for \$16.00.

AMRITA (Palmer-Gove)

Capucine buff, sometimes slightly tinged with pink; warm yellowish throat. Opens six or more large wide open waved and ruffled florets at one time on strong straight spike of 16 to 18 buds. A beautiful pastel shade resembling Wasaga, but more beautiful.

Large bulbs \$1.50 each; 10 for \$12.00.

Medium \$1.00 each; 10 for \$8.00.

Small 60c each; 10 for \$4.80.

ARETHUSA (Baerman)

An outstandingly beautiful pastel shade of pure apricot with light creamy throat, opening 6 to 7 florets at one time on tall straight spike. Florets of very heavy substance and the heaviest ruffling imaginable. Very early bloomer.

Large bulbs \$2.00 each.

Medium bulbs \$1.20 each.

Small bulbs 80c each.

ARIADNE (Baerman)

White slightly flushed light pink with scarlet blotch. A seedling of Picardy and consequently a fine grower. A fine blotched white variety.

Large bulbs 80c each.

Medium bulbs 50c each.

Small bulbs 30c each.

BARCAROLE (Palmer-Gove)

Clear rich grenadine-orange self color opening 6 to 7 medium large waved and ruffled florets of heavy substance at one time on medium height spike of 18 buds. A very beautiful shade of orange.

Large bulbs \$2.00 each; 10 for \$16.00.

Medium bulbs \$1.25 each; 10 for \$10.00.

Small bulbs 75c each; 10 for \$6.00.

CAMELLIA (Palmer-Gove)

Blush white tinted pink with small vivid orange-scarlet blotch on cream ground. Opens 6 to 7 large well placed florets at once on a tall straight spike of 20 buds. A very vigorous grower and one of the best blotched whites.

Large bulbs \$1.50 each; 10 for \$12.00.

Medium bulbs \$1.00 each; 10 for \$8.00.

Small bulbs 60c each; 10 for \$4.80.

CHAUMONY (Baerman)

Light cerise rose of velvety texture—a distinct break in color. Unusual color somewhat similar to Crinkles in tone but lighter and much larger florets. Has a distinct light margining at extreme edges of the petals, producing a definite picotee effect. A promising commercial with at least 6 florets open at one time.

Large bulbs \$3.60 each.

Medium bulbs \$2.40 each.

Small bulbs \$1.60 each.

Bulblets 10c each.

CHRYSLIS (Brauer 1937)

Clear sparkling pale blue (violet) color, opening nine 4½-inch florets at once in good double row placement. Strong grower about five feet tall and a fine exhibition variety in this color class. Average propagator.

Large bulbs \$3.00 each.

Medium bulbs \$2.00 each.

Small bulbs \$1.50 each.

Bulblets 25c each; 10 for \$2.00.

CORALIE (Brauer 1937)

Rich glistening pure pink, lighter throat; 5 to 6 large (close to 6 inches) florets, somewhat ruffled, open at one time on a tall willowy but always straight, spike. Unusually beautiful variety and a combination of the good qualities of its famous parents (Nuthall x Coryphee) x Mrs. Sisson). Good propagator. Coralie received a Vote of Commendation from the Maryland Gladiolus Society Test Garden for 1938.

Large bulbs \$2.00 each.

Medium bulbs \$1.50 each; 10 for \$12.00.

Small bulbs 75c each; 10 for \$6.00.

Bulblets 10 for \$1.50; 100 for \$10.00.

ELLEN MARIE (Pruitt 1938)

A very rich salmon-pink with light buff throat; 6 to 7 very large and beautifully ruffled florets open at one time on stiff wiry stem. A very early bloomer of medium height and a fine bulb maker.

Large bulbs 75c each; 10 for \$5.00.

Medium bulbs 50c each; 10 for \$3.75.

Small bulbs 25c each; 10 for \$2.00.

Bulblets 10 for 30c; 100 for \$2.50.

FLARE (E. H. Lins)

A scarlet red variety of unusual merit on account of its consistently good performance. Opens 5 to 6 very attractively formed 5 to 5½ inch florets on tall straight spike. Plants 4 to 4½ feet; vigorous grower. A seedling of the variety Dr. F. E. Bennett and with us, a much better performer.

Large bulbs only—4 for \$1.00.

FORTUNE (Brauer 1937)

Very deep rich pink of even color with red lines in throat; 6 to 7 six-inch florets open at one time on 5½-foot spike, always straight and florets perfectly placed. Unusually strong and husky grower of heavy and lasting substance. Large size makes it an exhibition variety but it has all the qualities of a commercial. This variety received a Vote of Commendation from the Maryland Gladiolus Society Test Garden for 1937. Good propagator.

Large bulbs \$3.50 each.

Medium bulbs \$2.00 each; 10 for \$15.00.

Small bulbs \$1.00 each; 10 for \$7.50.

Bulblets 10 for \$2.50; 100 for \$20.00.

GLOAMING (Zimmer)

Clear silky purple blending to a small creamy throat. Opens eight 3½ to 4 inch florets at one time on a very tall stiff wiry stem. Very early bloomer and consistent performer. This is a very easy grower and should become the leading commercial purple.

Large bulbs 30c each.

Medium bulbs 20c each; 10 for \$1.60.

Small bulbs 10c each; 10 for 80c.

Bulblets 20 for 25c; 100 for \$1.00.

GOLDEN GODDESS (Salbach 1934)

Deep rich golden yellow color, ten to twelve of the twenty-one to twenty-

three florets open at once. This one is definitely superior in performance to any yellow we have grown and at its present low price should be in every collection of fine gladiolus.

The first patented gladiolus (U. S. Plant Patent No. 77) and bulbs are sold only upon the express condition that they can be grown only for the personal enjoyment of the purchaser but that no stock may be resold, leased, or in any way transferred without the written consent of the Patentee, Mr. Carl Salbach.

Large bulbs only 20c each;

3 for 45c; 6 for 80c; 12 for \$1.50;

25 for \$2.85; 100 for \$9.00.

GRAND OPERA (Salbach 1938)

A sensational new gladiolus that sets a new standard with its gigantic size at the same time having a most attractive form and a beautiful soft pink color. Florets are said to consistently average an inch larger than the famous Australian giants. Mr. Salbach states that Grand Opera is even better than Picardy for breeding and all ambitious hybridizers should have it. Stock very limited.

Grand Opera is patented and bulbs are sold only upon the express condition that they can be grown only for the personal enjoyment of the purchaser, but that no stock can be resold, leased, or in any way transferred without the written consent of the patentee, Mr. Carl Salbach.

Small bulbs only—\$5.00 each.

JACINTH (Brauer 1938)

A most attractive orange blend suffused lavender. Six to seven well opened 4½ inch florets of heavy substance, open at one time on a fine straight spike. Rapid propagator and healthy grower, making a very reliable cut flower in this color class.

Large bulbs \$2.00 each.

Medium bulbs \$1.50 each; 10 for \$10.00.

Small bulbs \$1.00 each; 10 for \$7.50.

Bulblets 10 for \$1.50; 100 for \$10.00.

JOLI (Brauer 1937)

Fragrance of this variety is quite often noticeable within a few feet of the plant. Odor is rose-like and constantly present during the entire blooming season. Color is light pink with vivid orange scarlet



Leona

blotch, opening five 4½-inch florets at one time on slender stem. Stock limited.

Large bulbs \$3.00 each.
Medium bulbs \$2.00 each.
Small bulbs \$1.00 each.
Bulblets 10 for \$3.00.

LEONA (Pruitt 1938)

A most beautiful rich rose-red, opening 6 to 8 fine ruffled florets on a tall wiry spike that does not crook under normal conditions. A very fine variety, and we recommend it highly.

Large bulbs 75c each; 10 for \$5.00.
Medium bulbs 50c each; 10 for \$3.75.
Small bulbs 25c each; 10 for \$2.00.
Bulblets 10 for 30c; 100 for \$2.50.

LA FIESTA (Salbach 1933)

A very outstanding variety and remarkable "break" in color—a clear bright orange that does not fade. Six to seven good size florets open at once on a long straight spike of 17 to 18 florets and buds. A coming cut-flower and rapid increaser, producing large bulblets which germinate easily. Received Award of Merit British Gladiolus Society trial grounds.

Large bulbs 25c each; 3 for 50c.
Medium bulbs 15c each; 2 for 25c.
Small bulbs 10c each; 3 for 25c.
Bulblets 6 for 15c; 100 for \$1.25.

MAN O'WAR (Brauer 1938)

A seedling of Commander Koehl and Mrs. Errey with brighter and lighter color than Commander Koehl. Very tall straight spike with up to seven 5-inch florets open in very good arrangement. Man O'War received an Honorable Mention as a seedling at Ithaca, New York Show in 1936. Healthy grower.

Large bulbs only—\$3.50 each.

MARGARET BEATON (Twomey)

Ivory white with small orange scarlet blotch in throat. Very tall strong grower with 6 or more beautiful large well placed florets open at one time on a long spike. Many growers rate this "tops" in the blotched white class. If you admired the old Mrs. Frank Pendleton, try Margaret Beaton.

Large bulbs \$3.00 each.
Medium \$2.00; Small \$1.00.
Bulblets 20c each; 10 for \$1.50.

MISS MARION (L. R. Fischer 1937)

A very distinct shade of mauve lavender that is not seen in any other gladiolus. Its beauty is further enhanced by a soft cream throat. A very vigorous grower producing tall spikes with 8 to 10 medium size florets open at one time. It is an excellent producer of bulblets that germinate easily. Good early lavender glads are scarce and it will pay commercial growers to work up a stock of this one. Much earlier than Minuet.

Large bulbs 50c each.
Bulblets 5 for 25c; 25 for \$1.00.

NEW ERA (Ellis-Majeski)

A beautiful shade of pink with soft cream throat, opening 6 to 8 heavily ruffled and frilled florets at one time. One of the most beautiful colors in gladiolus but florets are rather small.

Large bulbs 50c each.

Medium 35c; Small 20c each.

Bulblets 5c each; 10 for 35c.

NOLA (Brauer 1937)

Unusually deep pink color with white midribs on lower petals, opening six to seven 5-inch florets at once; well placed on tall straight spike. This one has produced some of the most magnificent spikes we have ever grown. Produces many round bulblets which germinate easily and one of the few varieties which grows large bulbs from bulblet stock for us. Blooms 75 to 80 days. We believe this will be a money maker for commercial growers.

Large bulbs 35c each; 10 for \$2.50.

Medium bulbs 20c each; 10 for \$1.50.

Small bulbs 10c each; 10 for 75c.

Bulblets 10 for 15c; 100 for \$1.00.

1,000 for \$7.50.

PEGGY LOU (Wilson-Evans)

(See illustration page twelve)

Smooth, deep shrimp pink, with a slight rosy cast and a slight peppering of deeper rose in the throat. This variety was produced from the same cross that gave us Picardy, and it seems destined to even greater popularity. One of the greatest prize winners of all time. At 1938 shows, has received a total of 19 blue ribbons and 4 grand champions, award of merit Maryland Gladiolus Society Trial Gardens, N. E. G. S. silver medal, and best basket Grants Pass, Oregon, show. Better get an early start with this one.

Large bulbs \$1.00 each.

Medium bulbs 75c each.

Bulblets 20c each; 10 for \$1.60.

PURITAN (Baerman)

Color an exquisite pure pink instead of white which might be suggested by the name. Opens 3 to 5 heavily ruffled florets on tall straight spike, and altogether it is a most charming variety.

Large bulbs \$1.00 each.

Medium 75c; Small 50c each.

Bulblets 12 for 20c.

REWI FALLU (Fallu)

A deep blood-red, opening 8 to 10 very large florets at one time on vigorous plants, 5½ to 6 feet tall. Champion seedling at South Australia Gladiolus Show 1932, and released in U. S. A. 1937. This variety has been sensationally publicized and stock will be in heavy demand for some time. Good propagator.

Large bulbs 50c each; 10 for \$4.00.

Medium 25c each; 10 for \$2.00.

Small 15c each; 10 for \$1.20.

Bulblets 5 for 25c; 100 for \$4.00.

RIMA (Mitsch 1937)

A blend of lilac and rose-pink with cream throat, opening 5 to 7 large well placed florets on tall straight spike. This variety is very popular. Vigorous grower.

Large bulbs \$1.20 each; 10 for \$9.60.

Medium 60c each; 10 for \$4.80.

Small 30c each; 10 for \$2.40.

SHALIMAR (Brauer 1937)

Huge pure white with rich green yellow blotch which fades after flower has opened; florets wide open and somewhat ruffled. Stems sometimes a bit too limber to support flowerhead with eight immense florets open at one time. Good propagator and bulb maker.

Large bulbs \$1.50 each.

Medium \$1.00 each; 10 for \$5.00.

Small 50c each; 10 for \$3.50.

Bulblets 10 for \$1.00; 100 for \$7.50.

SHIRLEY TEMPLE (Pruitt 1937)

(See illustration page thirteen)

A magnificent heavily ruffled light cream with vivid throat of rich cream. Opens 6 to 8 large florets of very heavy texture on tall spike of 18 to 20 buds. Excellent propagator and often blooms from bulblets. Florets are beautifully creased as well as ruffled.

Large bulbs 75c each; 10 for \$6.00.

Medium 50c each; 10 for \$4.00.

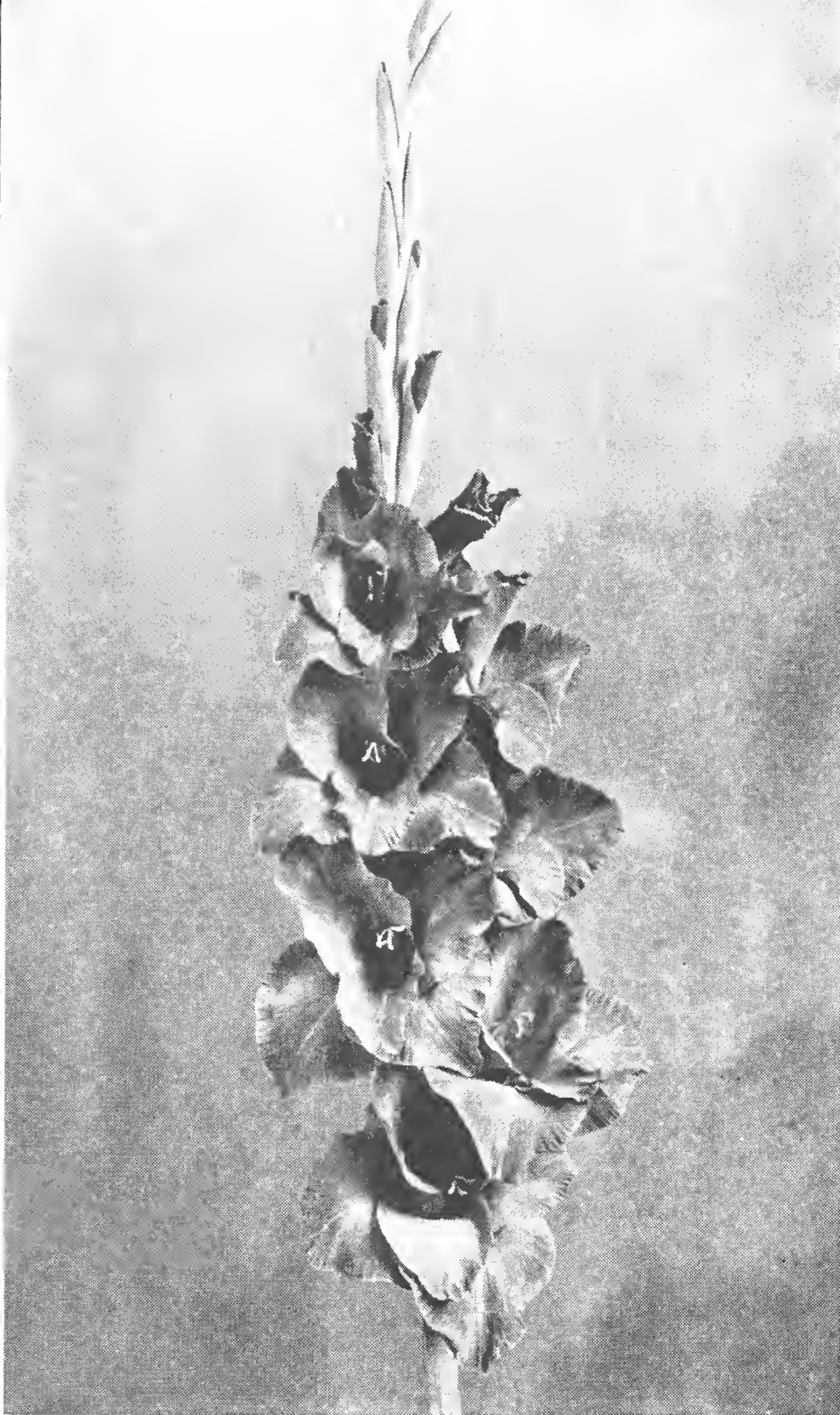
Small 30c each; 10 for \$2.40.

Bulblets 5c each; 10 for 40c;

100 for \$2.50; 1,000 for \$20.00.

SEVEN SEAS (Brauer 1938)

A very attractive tone in the medium blue shades with subdued throat marking of same shade on slight white feather. Tall straight spike opening as many as seven 5-inch florets in fine



Valeria

double-row placement. Rapid propagator and vigorous grower which does not wilt in intense heat.

Large bulbs \$3.50 each.

Medium bulbs \$2.50; Small \$1.50 each.
Bulblets 10 for \$3.00.

SUMMER BREEZE (Brauer 1938)

A fragrant rich pink with heavily ruffled petals of heavy substance. Opens 4 to 5 four-inch florets on a medium tall spike. A distinct advance in fragrant gladiolus developed by Mr. Brauer by selective breeding with the direct aim of increasing fragrance.

Large bulbs \$5.00 each.

Medium \$3.50; Small \$2.50 each.
Bulblets 10 for \$5.00.

TIMBUCTOO (Zimmer)

A beautiful deep red, sometimes flaked darker, opening 6 to 8 with 6 more showing color on a nice long spike of 16 to 18 buds. Very vigorous grower with spike of more than medium height. A dark rose-red variety of exceptional merit.

Large bulbs \$4.00 each; 10 for \$32.00.

Medium bulbs \$3.00 each; 10 for \$24.00.

Small bulbs \$2.00 each; 10 for \$16.00.

VANGUARD (Brauer 1937)

(See illustration page sixteen)

Ruffled light orange salmon, at times somewhat lacinated. Early, blooming about ten days after Mibloom. Five to six 4-inch florets on slender and graceful but always straight spike. A very promising early cut flower on account of its unusual keeping qualities and ease of propagation. Outstanding in beauty of form and color.

Large bulbs 35c each; 10 for \$2.50.

Medium 20c each; 10 for \$1.50.

Small 10c each; 10 for 75c.

Bulblets 10 for 15c; 100 for \$1.00;
1,000 for \$7.50.

VALERIA (Pruitt 1938)

A very outstanding red variety somewhat similar to the very popular old Dr. F. E. Bennett, but with us, much superior to that old favorite. Opens 5 to 7 large ruffled florets at one time on a tall straight spike. Of very fine substance and keeping quality. We believe that this has a great future both as a commercial and exhibition variety. Award of Merit at Maryland Gladiolus Society Trial Gardens 1937.

Large bulbs 75c each; 10 for \$5.00.

Medium 50c each; 10 for \$3.75.

Small 25c each; 10 for \$2.00.

Bulblets 10 for 30c; 100 for \$2.50.

ZUNI (Mitsch 1937)

A very richly colored gladiolus; a combination of salmon and slate with inconspicuous light orange salmon feather. Florets of medium size, opening 8 to 10 well placed blooms on long flower-head. Very vigorous grower and will become popular with those who like the smoky colors.

Large bulbs \$1.20 each; 10 for \$9.60.

Medium 60c each; 10 for \$4.80.

Small 30c each; 10 for \$2.40.

SPECIAL COLLECTIONS

MATOAKA COLLECTION

2 small bulbs Matoaka, 5 small bulbs Alandale, 10 small bulbs Nola.
\$3.75 value — All for \$2.50.

BULBLET COLLECTION

10 bulblets Matoaka, 10 bulblets Peggy Lou, 20 bulblets Alandale,
20 bulblets Nola. \$3.70 value — All for \$3.00.

BRAUER COLLECTION

Chrysalis, Coralie, Fortune, and Shalimar 1 small bulb each.
\$3.75 value — All for \$3.00.

5 bulblets each. \$3.50 value — All for \$2.75.

Extras and Overcount

It is the practice of growers to give extras on orders as well as overcount. Even in the best of stock, sometimes bulbs do not grow. It is the practice to put in some extra bulbs of the varieties ordered so that you will get as many blooms as you have the right to expect. You will find our count just as Long and our extras just as generous as other growers.

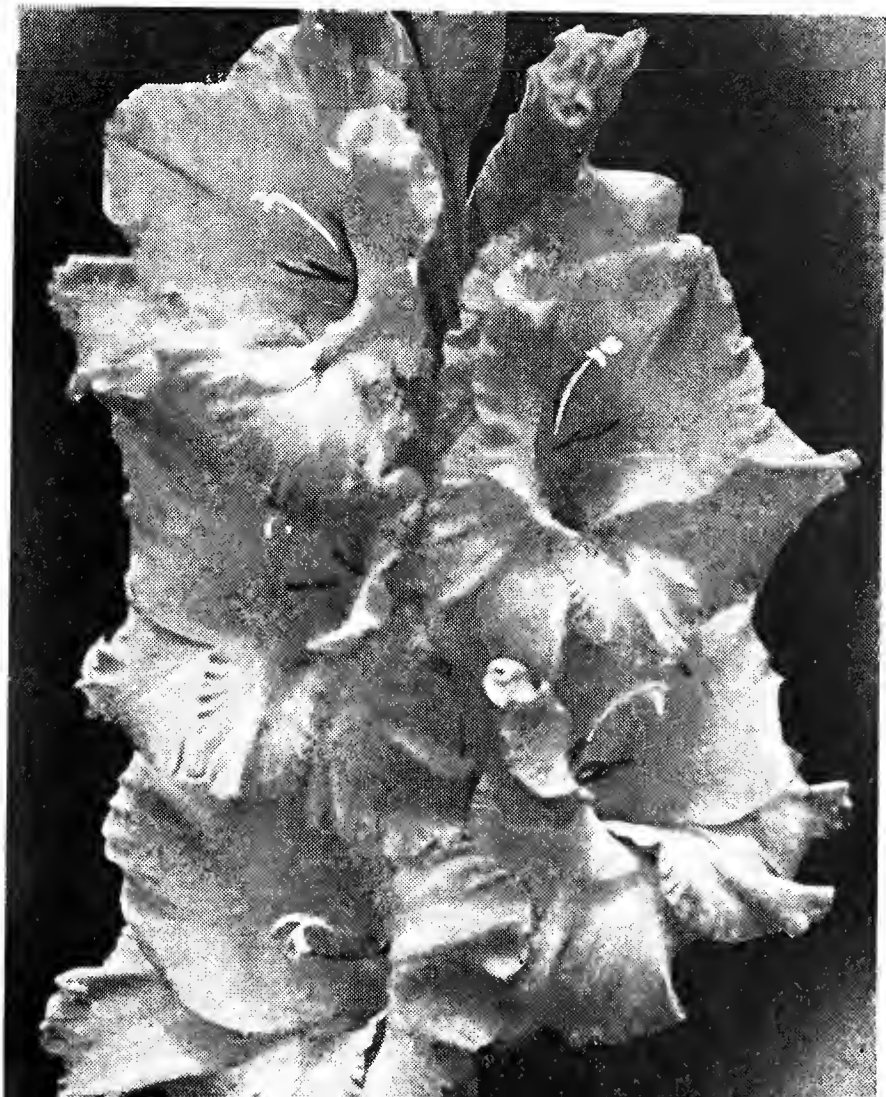
In addition to the usual extras, IF YOUR ORDER AMOUNTS TO \$3 OR MORE this year, we will include free one (1) bulb of Seedling 335-19 if your order is received before our supply of these bulbs is exhausted. This is a rich salmon-pink with deeper throat, opening up to six 5½-inch florets at one time on tall strong spike. This one will probably be named and introduced later. Only about 100 blooming size bulbs of 335-19 are available so send in your order early. Early orders will receive the larger bulbs, but if your order is received too late, we will try to send something else worthwhile from what we have available at that time.

FANTASIA (Brauer 1939)

A lovely medium pink self color with small deeper feather in throat, opening up to six 4½- to 5-inch florets at one time on straight spike of medium height. A seedling of King Arthur from which it derives its large heavily ruffled florets of thick substance which add very much to its beauty. Healthy grower and fine propagator. We are happy to have the privilege of listing Fantasia along with Mr. Brauer this season.

1-inch bulbs \$3.00 each; small \$2.00.
Bulblets 3 for \$1.00.

Fantasia



General List of Varieties

ACCOLADE

One of the lacinated type gladiolus originated by Kunderd. Color is rose-pink, lower petals having dark rose-red median line on soft yellow ground. The lacinated type are low growers and the best border subjects to be found in gladiolus. Unexcelled for table decoration.

Medium bulbs 3 for 15c; 10 for 45c.

AFLAME

Giant flowers of flame red with rose overlay. Under favorable conditions, this variety will grow six feet tall and produce florets of six inches or more in diameter. A very vigorous grower under almost any conditions and has won many prizes in National shows.

Large bulbs, 3 for 15c; 10 for 45c.

ALAYNE

Beautiful new and distinct shade of light rose, opening 5 to 7 medium size florets on straight medium height spike. Petals somewhat ruffled and rolled back and a variety of fine color.

Large bulbs 25c each; medium 15c each.

ALBATROSS

Pure snow white with very large round lily-type florets. Our finest low-priced pure white.

Large bulbs, 3 for 15c; 10 for 45c.

AMADOR

A winner at major shows in this country which has also been given an Award of Merit by the British Gladiolus Society. Deep scarlet red flowers, well placed on strong but not clumsy stems. There is no finer red in its price class.

Large bulbs 3 for 15c; 10 for 45c.

Medium bulbs 4 for 15c; 10 for 30c.

AMBERGLOW

A very rich and beautiful amber color with attractively formed florets, opening 6 to 8 blooms on tall spike. Placement not always perfect but worthwhile in spite of the occasional misplaced florets.

Large bulbs 50c each; 10 for \$4.00.

APRICOT GLOW

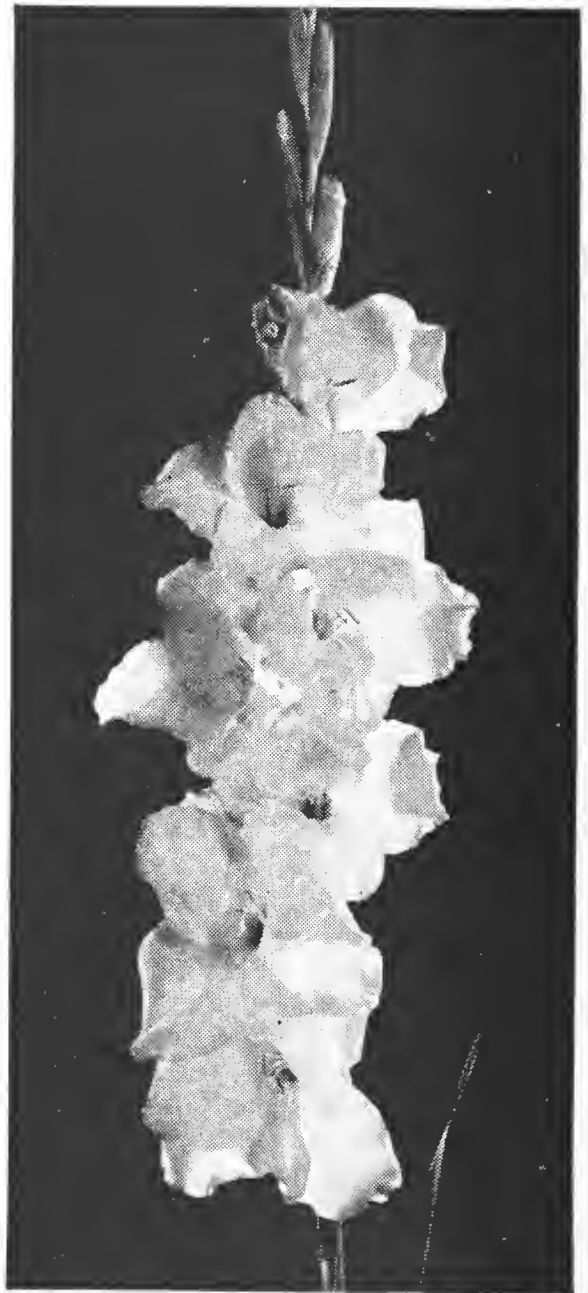
Clear warm apricot shade. Very tall vigorous grower.

Large bulbs, 3 for 10c; 10 for 30c.

AUTUMN GLORY

A deep brownish-red, slightly lighter in throat with two deep blood-red lines on lower petals blending perfectly with ground color. A fine variety originated by A. E. Kunderd and a tall grower making an excellent flower.

Large bulbs 15c each; 2 for 25c.



Peggy Lou

(See description page nine)

AVE MARIA

Light blue (violet) with small purple blotch. 7 - 8 florets open at a time. With us this is the finest performer of the so-called blues except the new Robert Burns.

Large bulbs, 3 for 15c; 10 for 45c.

BAGDAD

A magnificent smoky old rose blending to lighter throat. Many large, unusual colored florets open at one time on a tall straight spike. Very tall plant.

Large bulbs, 3 for 15c; 10 for 45c.

BOB WHITE

Glossy snow white with small rose-red spearhead deeply imbedded in throat. A fine white.

Large bulbs 2 for 15c; 4 for 25c.

BEACON

Clear bright rose doree scarlet flower with large clear cream blotch, of medium size, waved and somewhat ruffled. Very tall straight spikes opening 8 to 10 florets at one time and of a very distinctive and unusual color. One of the varieties originated by Mr. E. F. Palmer of Canada, who gave us the wonderful Picardy. This variety has been consistently outstanding for us.

Large bulbs 25c each; 10 for \$2.00.

Medium bulbs 18c each; 10 for \$1.25.

BETTY NUTHALL

Coral pink, pale yellow throat marking shading to orange; general color effect salmon orange. One of the truly great glads which seem to grow best in a dry season. You can't go wrong on this one.

Large bulbs, 3 for 10c; 10 for 30c.

BETSY BOB-UP

Color sport of Betty Nuthall and apparently has all the fine qualities of the latter. We have not been able to decide whether it is creamy pink or yellow in color. It's your choice.

Large bulbs, 10c each; 3 for 25c.

BLEEDING HEART

White suffused pale pink with large red blotch. Many florets open at once. A fine variety that attracted a lot of attention in our exhibit at the Virginia State Fair.

Large bulbs, 3 for 15c; 10 for 45c.

BONNEVILLE

Bright glistening pink of deep tone midway between salmon and pure pink. A recent introduction from Mr. Ellis which appears to come up to his usual standard.

Large bulbs, 10c each; 3 for 25c.

BRIGHTSIDES

Rich canary yellow flushed pure apricot in upper throat and with tips of bitter-sweet orange. Beautifully ruffled and a wonderful color combination. A vigorous grower and one of the most beautiful varieties.

Large bulbs 3 for 15c; 10 for 45c.

Medium bulbs 4 for 15c; 10 for 30c.

Shirley Temple

(See description page nine)



BOY O'MINE

An exquisite blending of blushed cream, yellow and pink, deepening towards tips of all petals, with throat of soft yellow blending perfectly with the entire flower. Opens 6 to 8 large closely set perfectly placed florets at one time. Recommended for those who prefer the pastel shades.

Medium bulbs 2 for 15c; 10 for 60c.

CHIEF MULTNOMAH

A large reddish-smoky variety opening several florets of leathery substance at one time. Strong grower and a wonderful novelty.

Large bulbs 25c each; medium 15c.

CHRISTABEL

A warm light salmon-pink color that produces huge spikes. Florets somewhat lacking in form but nevertheless a worthwhile variety.

Large bulbs 2 for 15c; 4 for 25c.

DOROTHY DELL

Very fine chrome orange with inconspicuous throat marking.

Large bulbs, 10c each; 3 for 25c.

DEBONAIR

Another very fine variety from Mr. Palmer, originator of Picardy and this one bids fair to outdo the famous Picardy. Color is La France pink, shading to shrimp pink with creamy throat blotch, lightly peppered crimson. A clear light pink which sometimes flakes darker, opening 6 to 8 beautiful florets on a very tall, always straight spike. A most charming gladiolus and we recommend it very highly.

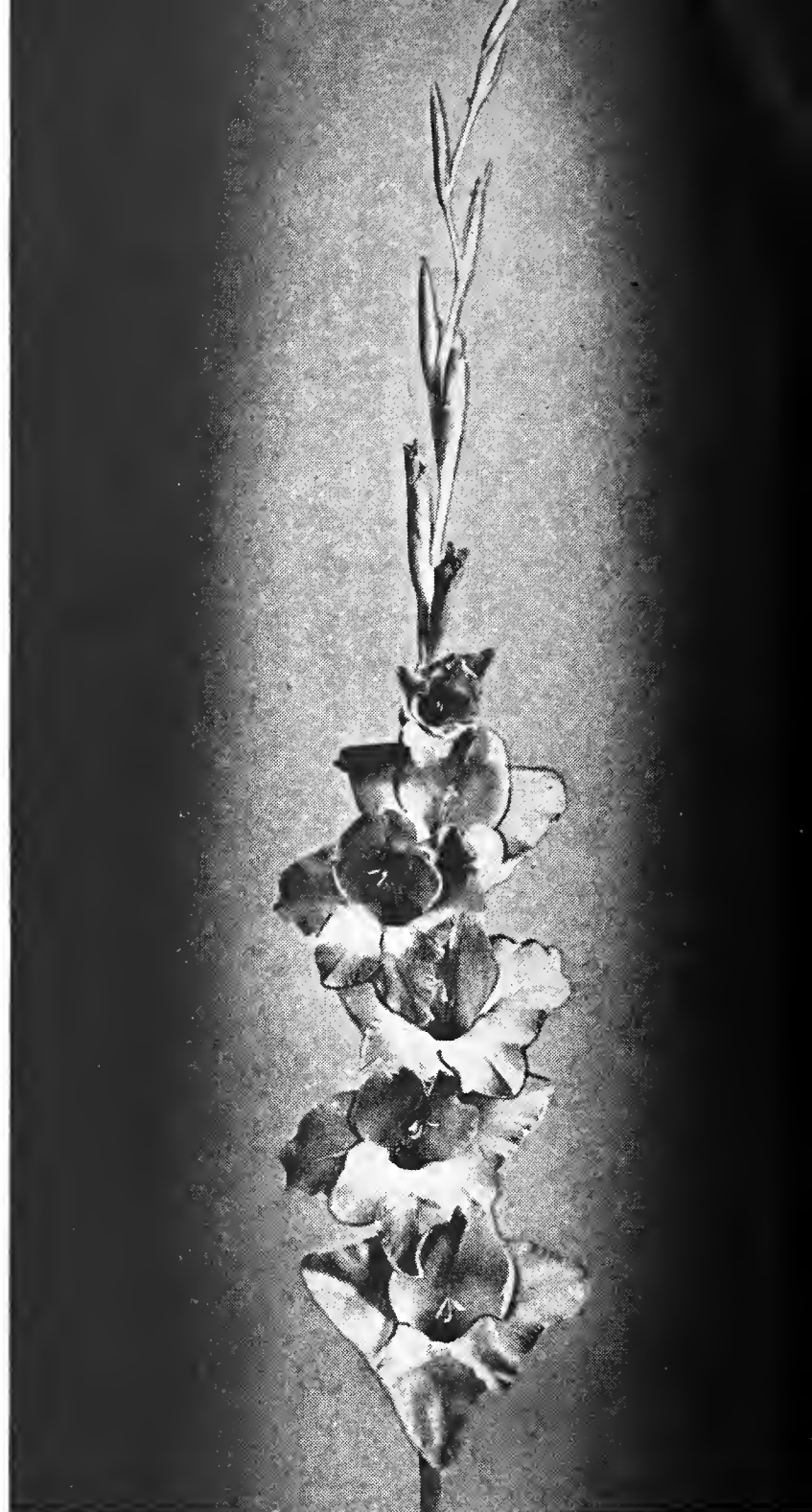
Large bulbs 3 for 15c; 10 for 45c.

Medium bulbs 4 for 15c; 10 for 30c.

DREAM O'BEAUTY

Large rose-red florets almost identical in color with American Beauty rose. A vigorous grower and in spite of its fault of bad placement, it is the most popular gladiolus we have ever grown. It is always first choice with our garden visitors and in our exhibits at Virginia State Fair and elsewhere.

Large bulbs 2 for 15c; 10 for 60c.



Early Peach

DUNA

Soft flesh pink without markings. Its performance for us is almost faultless, and we recommend it highly.

Large bulbs, 3 for 15c; 10 for 45c.

EARLY PEACH

Peach red blending to ivory in the throat of upper petals. Lower petals blotched a warm buff with pencils of rose-red. Six or seven wide-open florets open at one time on long straight spike. Good bulblet producer and splendid germinator. Looks like an excellent commercial variety.

Large bulbs 2 for 15c; 10 for 60c.

Medium 3 for 15c; 10 for 45c.

EARLY DAWN

New tall early rose which seems to be very popular. Our first year trial was very satisfactory.

Large bulbs, 3 for 15c; 10 for 45c.

EUIDES

Ivory white flecked pink at tips of florets, opening 8 to 10 perfectly placed florets on a tall straight spike. A vigorous grower that has won many awards in Australia where it was originated. Consistently makes fine spikes.

Large bulbs 20c each; 10 for \$1.60.

EXCELLENCE

Deep orange-vermilion, self color in effect, with faint throat markings of slightly deeper shade. A very early variety of gorgeous color.

Large bulbs, 3 for 15c; 10 for 45c.

FESTIVAL QUEEN

Huge clear geranium pink self with soft carmine markings on lower petals. A very fine variety from Mr. Salbach who gave us Betty Nuthall and many other great varieties.

Large bulbs 25c; 3 for 50c.

FRANK J. McCOY

Perennial grand champion at the Boston show repeating in 1937. Rose pink with scarlet blotch on lower petals. If you want to win prizes, try this one.

Large bulbs 3 for 15c; 10 for 45c.

E. I. FARRINGTON

A fine standard yellow variety ranking next after Golden Goddess and Golden Chimes with us.

Large bulbs, 3 for 10c; 10 for 30c.

GRAPHIC

Beautiful deep lavender-violet color, with deep purple feathered blotches on lower petals. This is the first lavender variety which we have tested that does not appear rather ordinary in competition with the grand Minuet. Being distinctly different from Minuet, you can well afford to grow both.

Large bulbs 3 for 15c; 10 for 45c.

GIANT NYMPH

Large light salmon-rose pink; one of the best commercial varieties and a thoroughly dependable one.

Large bulbs, 3 for 10c; 10 for 30c.

GOLDEN CHIMES

Light yellow ruffled variety producing fine spikes of large beautifully formed florets. Excepting Golden Goddess, this is the finest yellow we have grown. We have grown a lot of yellow glads.

Large bulbs 2 for 15c; 10 for 60c.

GOLD EAGLE

Tall yellow; medium size bloom, valuable on account of its early blooming. Decidedly an improvement on old "Souvenir."

Large bulbs, 3 for 10c; 10 for 30c.

GOVERNOR PINCHOT

One of the finest of the new Kunderd varieties. Color deep pink with lighter throat blending outward to main color. Edges of petals margined silvery-white.

Large bulbs, 3 for 15c; 10 for 45c.

GOLDEN SLIPPERS

Medium size florets of shrimp-pink with throat marking of light yellow, feathered with narrow lines of violet-rose-pink, beautifully ruffled. Very early bloomer and for us last season, it was definitely fragrant.

Medium bulbs only 3 for 15c; 10 for 45c.

HECTOR

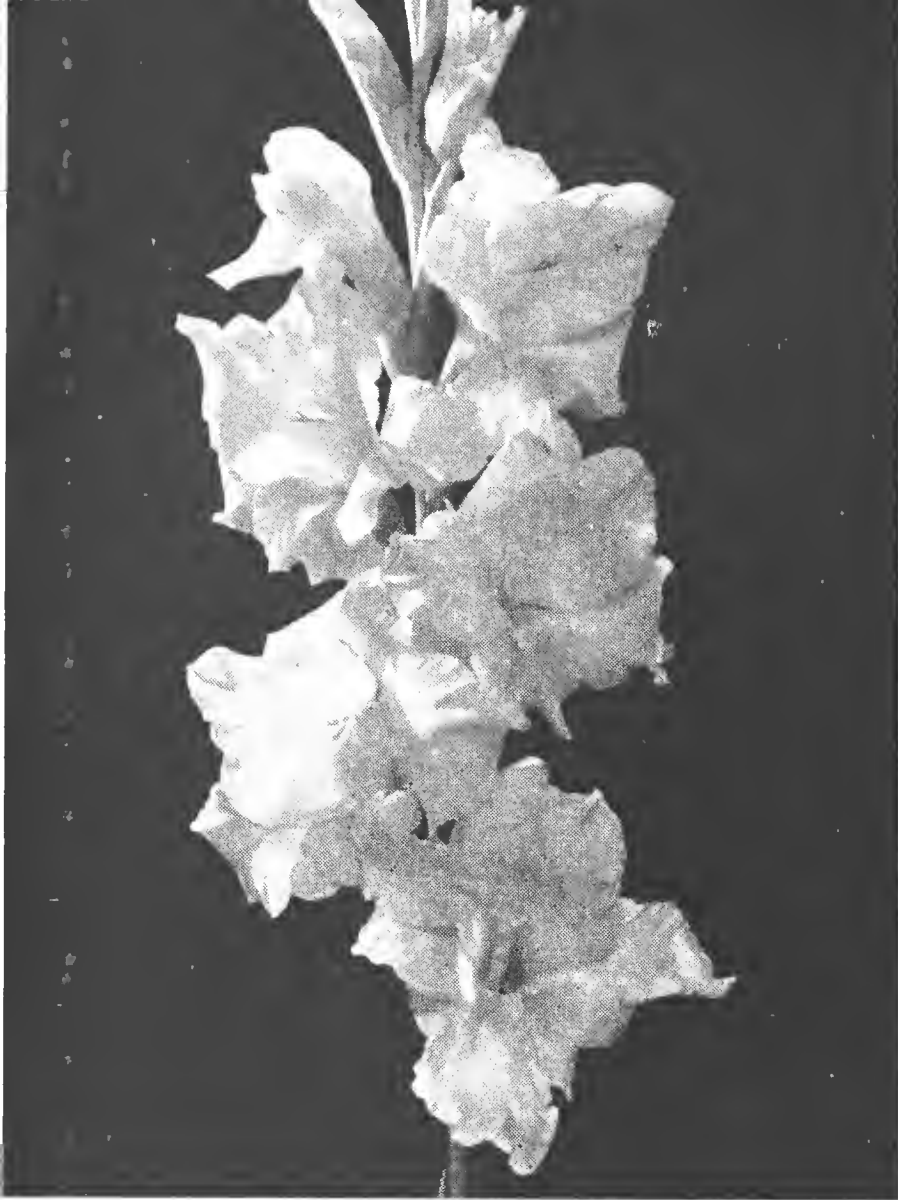
Color salmon scarlet, lighter in upper throat with cream blotch in throat of lower petals, peppered red. Opens 5 to 6 immense ruffled florets at one time.

Large bulbs 10c each; 10 for 80c.

HUGO ECKENER

A bright fiery colored red variety and a very charming gladiolus. Bright vermilion-red, slightly lighter in upper portion of throat, with lower portion of throat deeper rose-red down center of petals.

Large bulbs 15c each; 2 for 25c.



Vanguard
(See description page ten)

HELEN WILLS

Large clear white shading to soft canary yellow at the throat. One of the finest low-priced whites.

Large bulbs, 3 for 15c; 10 for 45c.
Medium bulbs, 3 for 10c; 10 for 30c.

JALNA

One of the newer Palmer varieties of a most unusual smoky color, described as iridescent salmon and ashes of roses. Opens 8 to 10 large wide open florets at one time. Color is very popular with visitors.

Large bulbs 40c each; 10 for \$3.20.

KING ARTHUR

Very deep lavender; large ruffled florets that crease through center of each petal. Much admired but rather difficult to grow. Give it good culture.

Large bulbs, 10c each; 3 for 25c.

KING OF ORANGES

A large and showy primulinus variety of a rich orange-saffron color and like

all primulinus varieties, an easy grower. Excellent cut flower.

Large bulbs 3 for 15c; 10 for 45c.

LA PALOMA

A light orange which seems to grow best under adverse conditions. Rather slender spikes.

Large bulbs, 3 for 10c; 10 for 30c.

LADY MARIE

Earliest commercial pure salmon pink variety, blooming 65 days. Our first year trial very satisfactory. Propagates better than Picardy and very consistent producer of good spikes.

Large bulbs 3 for 15c; 10 for 45c.

LOTUS

Waxy shell-like florets white blending to shell pink at tips and cream at throat. A beautiful delicately tinted gladiolus and a fine grower.

Large bulbs, 2 for 15c; 10 for 60c.

LUCIFER

Velvety orange scarlet with amaranth crimson throat. Many florets open at once.

Large bulbs, 2 for 15c; 10 for 60c.

MAJOR EDWARD BOWES

Bittersweet pink with an overlay of slightly deeper tone; yellow throat. A very tall and vigorous grower opening 10 to 12 beautiful florets at one time. We have thoroughly tested this variety and recommend it very highly.

Large bulbs 20c each; 10 for \$1.80.
Medium bulbs 15c each; 10 for \$1.35.
Small 10c each; 10 for 90c. Bulblets 100 for \$1.00.

MARGARET FULTON

Rich deep salmon of unusually solid color. Very distinctive form of floret of great color value. A fine cut-flower.

Large bulbs, 3 for 15c; 10 for 45c.
Medium bulbs, 3 for 10c; 10 for 30c.

MARMORA

Lavender grey with petunia purple blotch. A fine grower, and no gladiolus collection is complete without this beautiful novelty.

Large bulbs, 3 for 15c; 10 for 45c.

MARY ELIZABETH

Beautiful ruffled white with light yellow throat. Thick waxy substance and ideal cutting habits.

Large bulbs, 2 for 15c; 10 for 60c.

MILDRED LOUISE

Light salmon pink with three very faint ruby lines in throat and a close rival of Picardy in beauty and performance. We recommend it highly.

Large bulbs 3 for 15c; 10 for 45c.

MINUET

Still rated as the finest lavender. If you don't grow Minuet, you are missing one of the best varieties in commerce.

Large bulbs, 3 for 15c; 10 for 45c.

MISS ALAMEDA

Described by its originator, Mr. Salbach, as "one of the finest gladiolus ever introduced, ranking with Picardy and Betty Nuthall as one of the best all-around gladiolus ever created." Our experience indicates that this is entirely correct.

The color is deep salmon pink with distinctive carmine blotch in perfect harmony with the predominating color of the flower. Tall straight spikes with large round florets of heavy substance. We predict that this will soon become just as popular as Picardy.

Large bulbs 2 for 15c; 10 for 60c.

Medium bulbs 4 for 15c; 10 for 30c.

MISS NEW ZEALAND

Salmon apricot suffused rose with peach colored blotch. A new variety from New Zealand which, although it does not grow as large for us as rated, has unusually fine color and form. We believe that this would be very fine if given good culture. We grow them in the field.

Large bulbs 20c each; medium 15c.

MOTHER MACHREE

Soft golden lavender with orange and grey tints. Sunset colors of beautiful lustre and sheen. A consistent producer of stunning spikes. You will not go wrong on this one.

Large bulbs, 3 for 15c; 10 for 45c.

Medium bulbs, 3 for 10c; 10 for 30c.

MRS. E. B. WHITCOMB

Delicate and pleasing tone of deep apricot-buff with rose-red feather on lower petals, opening several large florets at one time. A beautiful pastel colored variety.

Medium bulbs 10c each; 3 for 25c.

MRS. E. J. HEATON

Deep glowing strawberry pink blended with some cream in throat. One of the newer varieties of great merit.

Large bulbs 2 for 15c; 10 for 60c.

MRS. LEO MILLER

Salmon flame shaded to golden yellow; heavy waxy texture, intensely ruffled and sometimes lacinated. Give this one special culture and it will repay you in wonderful spikes.

Large bulbs 10c each; 3 for 25c.

MRS. RAY P. CHASE

Large creamy white, light yellow throat that sometimes flecks purple, especially during wet season. Produces a large percentage of magnificent spikes.

Large bulbs, 3 for 15c; 10 for 45c.

OLD FAITHFUL

A very early salmon of high color value. Stands heat well and fine keeper.

Large bulbs, 3 for 15c; 10 for 45c.

ORANGE DELIGHT

One of the miniature flowered gladiolus originated by Mr. Kunderd. The color is a combination of apricot orange overlaid bittersweet orange. Lacinated petals add to its beauty and it is ideal for artistic arrangement in bowls and vases. Decidedly different and a beautiful novelty.

Large bulbs 10c each; 3 for 25c.

OUR SELECTION

Salmon red, flaked deeper, cerise and creamy blotch on lower petals. Inclined to produce stubby spikes in dry season and sometimes burns. Very popular with our customers on account coloring, and many florets open at one time.

Large bulbs, 3 for 15c; 10 for 45c.

PAL O'MINE

Beautiful purple-rose color, deeper toward tip of floret; upper portion of throat much lighter. One of the fine deep red-toned varieties from A. E. Kunderd.

Medium bulbs 2 for 15c; 10 for 60c.

PARADISE

Clear apricot color, opening 6 to 7 large florets at one time on tall straight spikes with perfect placement. Immense propagator and unusually vigorous grower. A good early commercial variety.

Large bulbs 2 for 15c; 10 for 60c.

Medium bulbs 3 for 15c; 10 for 45c.

PICARDY

Light salmon apricot, deeper salmon feather in throat and the most spectacular pink gladiolus of the past few years. The large flowers, warm coloring and fine spikes on which the florets are ideally placed all combine to make Picardy a most charming gladiolus. If you don't already have this variety, by all means include it in your order.

Large bulbs, 3 for 15c; 10 for 45c.

Medium bulbs, 5 for 15c; 10 for 25c.

PELEGRINA

Deep violet-blue with all the lustre of deep blue velvet. Should have good culture. This has attracted more attention in our garden than any other variety with the exception of Matoaka.

Large bulbs 3 for 15c; 10 for 45c.

Medium bulbs 4 for 15c; 10 for 30c.

PIERIAN

Another of the lacinated type gladiolus and especially desirable for table decoration. Lower petals soft canary-yellow, lower petals deeper with narrow thread line of pink-brown. Most attractive.

Large bulbs 10c each; 3 for 25c.

PHILLIP BREITMEYER

A very soft rose-purple color with a definite bluish cast over entire flower; throat has wide red median lines with paralleled thread lines of dark red on whitish ground. A most outstanding variety of beautiful color.

Large bulbs 2 for 15c; 10 for 60c.

PHYLLIS McQUISTON

An excellent all-around pure pink variety and a fine grower. This variety is rapidly becoming popular.

Large bulbs 2 for 15c; 10 for 60c.

PREDOMINATOR

A tall graceful spike of rich salmon-scarlet color, opening 5 or more large florets at one time. A fine cut-flower and garden variety which has been very popular with garden visitors. We recommend it highly.

Large bulbs 10c each; 3 for 25c.

QUEEN OF BREMEN

A fine rose pink prim, and a very consistent performer. No difficulty to grow this one.

Large bulbs, 3 for 10c; 10 for 30c.

QUEEN HELEN II

Grenadine pink color enhanced by pinard yellow blotch in the throat. One of Mr. Salbach's creations that is particularly resistant to unfavorable weather conditions, especially heat. Highly recommended as a cut-flower.

Large bulbs 2 for 15c; 10 for 60c.

Medium bulbs 4 for 15c; 10 for 30c.

RAJAH

A very velvety dark red, lower petals slightly deeper. A very choice variety which cannot be excelled in color value even by the wonderful Dream O'Beauty. One of the finest of Kunderd's varieties.

Medium bulbs 2 for 15c; 10 for 60c.

RAPTURE

Medium light salmon with creamy yellow blotch. A very vigorous tall grower, opening 7 or more large florets at a time. We consider this one of the finest varieties we grow.

Large bulbs 3 for 15c; 10 for 45c.

Medium bulbs 5 for 15c; 10 for 30c.

RED SPLENDOR

A very brilliant scarlet with lower petals a deeper rich velvety red. Opens several medium large beautifully ruffled florets at one time. Especially recommended for its beautiful coloring.

Large bulbs 2 for 15c; 10 for 60c.

REVERIE

Light safrano pink shading to cream throat, giving general color effect of clear light pink and cream. Opens 6 to 8 medium large somewhat ruffled florets at a time. A vigorous healthy plant and one of the most beautiful colors in gladiolus.

Large bulbs 2 for 15c; 10 for 60c.

ROBERT THE FIRST

Large heavily ruffled florets of pale rose-purple, with amaranth purple blotch. Opens 8 to 10 florets at a time on a very tall spike, often having as many as 20 to 24 flowers and buds to the spike.

Large bulbs 20c each; 3 for 50c.

ROYAL YORK

One of Mr. Palmer's newer introductions of a deep scarlet color, tinted salmon. A very vigorous dark red, opening 5 to 6 very large wide open blooms at one time. Outstanding.

Large bulbs 50c each; 10 for \$4.00.

Medium bulbs 30c each; 10 for \$2.40.

Small bulbs 20c each; 10 for \$1.60.

ROZAN MARIE

Rich deep salmon-pink color, deepening at edges of petals, with coral-red feathered blotch on lower petals. A very consistent performer in our fields and very popular.

Large bulbs 10c each. 3 for 25c.

SPLENDORRA

A very attractive dark wine-red color. Inclined to crook in hot weather but nevertheless worthwhile on account of its color value.

Large bulbs 3 for 15c; 10 for 45c.

SPIRIT OF ST. LOUIS

Dull orange; throat dotted red. A consistent grower consistently producing fine spikes.

Large bulbs, 3 for 15c; 10 for 45c.

SWEETHEART

Snow-white foundation color delicately flushed pink increasing in intensity toward tips of petals. Heavy wax-like substance of unusual beauty. Excellent grower.

Large bulbs 3 for 15c; 10 for 45c.

TANGERINE

Tall graceful spikes of glowing orange flowers, said to be a decided improvement on La Paloma, but with us it is entirely different from that variety. A very strong grower which seems to be popular with visitors.

Large bulbs, 3 for 15c; 10 for 45c.

TAURUS

A primulinus variety of rare purple-violet color and like all primulinus varieties, very easy to grow. You will enjoy this color.

Large bulbs 3 for 15c; 10 for 45c.

VAGABOND PRINCE

Unusual iridescent garnet brown, lighter in upper throat and with small blotch of flame scarlet on lip petal. Opens 8 to 10 well placed medium large blooms at a time. A gorgeous variety of very distinctive and beautiful coloring, consistently producing stunning spikes. One of the most popular Palmer varieties since Picardy. Decidedly one of the "must haves."

Large bulbs 20c each; 10 for \$1.60.

Medium bulbs 15c each; 10 for \$1.20.

Small bulbs 10c each; 10 for 80c.

WHITE SWORD

Extra fine tall white. Our first year trial indicates that this is a very fine variety producing long flower heads and fine bulbs which is rather unusual in whites. Very fine grower.

Large bulbs 25c each; medium 15c.

WINGS OF SONG

A very large shrimp pink, shaded lighter in throat. Being a seedling of Picardy, it is very similar to that variety in growing habits. We believe it will be very popular when stock becomes more plentiful.

Large bulbs \$1.00 each; medium 50c.

YELLOW EMPEROR

A very rich yellow of good substance. Good grower and opens several beautiful florets at a time.

Large bulbs 3 for 15c; 10 for 45c.

Gladiolus Culture

BY F. L. WORCESTER



Gladiolus are easy to grow and are the most adaptable of all garden flowers. Nothing else of their class cost so little or bloom so readily in any soil and every climate. Any good garden soil is suitable although they seem to prefer a light sandy loam. Heavy soils may be conditioned by the application of ground limestone, sand, or well-sifted coal ashes. Ground limestone is especially desirable if the soil is very acid, and it is suggested that you have your soil tested for fertility. Such tests usually can be had from your State Department of Agriculture without cost. Write to them.

The first essential in growing gladiolus successfully is to secure clean well developed bulbs. High-crowned bulbs (of greater depth from top to bottom than of diameter) are generally considered best but we doubt that this is the best test. We prefer plump smooth bulbs which is generally an indication that the bulb is fully developed. However, bulbs of different varieties vary both in size and shape. Some varieties never produce high-crowned bulbs and others never produce smooth bulbs. Nevertheless, these same ones constantly produce wonderful bloom. Our experience indicates that quality of bloom is largely dependent upon growth of the bulb after it has bloomed the previous year. Large bulbs seldom develop from stock that does not produce some bloom, however small, and if the bloom is cut, no harm results. After bloom is cut, the plant devotes its entire energy to the development of the new bulb. Do not dig your bulbs too quickly after they have bloomed. We prefer to leave them at least 90 days unless the plants die before. Do not wait until the plant dies completely. Dig just as soon as it begins to die. In late plantings, the bulbs continue to grow for considerable time after the plants are damaged by frost. However, it appears that bulb growth is accelerated in such cases and they may be dug within a shorter time.

Planting should begin as soon as early garden-making will permit and be followed by successive plantings of about ten-day intervals until early July. Late plantings blooming September 1 and after, usually produce finer bloom than those blooming during the heat of mid-summer. We know of no other flower of which the blooming can be controlled so easily.

Bulbs should be planted four inches deep or over. We prefer deeper. If planted in rows, bulbs may be spaced four to five inches apart (closer if you desire) in rows one to three feet apart, depending upon space available and method of cultivation to be used. If planted in rows, it is desirable to hill up with a garden plow just before bloom spikes appear. This usually makes it unnecessary to stake plants. Deep planting is also helpful for this purpose.

Gladiolus require sunshine and should not be planted in shady places. They may be planted in beds in rows about one foot apart with bulbs spaced about three inches apart or in your borders in separate groups among other plants and flowers. Do not plant near to trees or shrubbery. If planted in the borders, cut spikes as soon as blooms die to avoid unsightly appearance.

Proper preparation of the ground is very important and we prefer spading or plowing the fall before, leaving the ground lay rough over winter. In any event,

cultivate well and frequently. This will compensate for dry weather conditions to some extent. Gladiolus require considerable water, especially at blooming time, but if you water, soak the ground thoroughly. Otherwise, it is more harmful than beneficial.

Commercial fertilizer may be used to advantage. An application of 1,000 to 1,500 pounds per acre of 3-10-6 or 4-12-4 broadcast and disked in before planting is sufficient for commercial plantings. Any high grade potato fertilizer will do very well. The application recommended is equivalent to about one to one and one-half pounds to a bed four by ten feet. We find Vigoro excellent and it is more readily obtainable in small quantities than ordinary commercial fertilizer. If used at planting time, four pounds (2 quarts) per 100 square feet is recommended. If used for top dressing, apply two pounds (1 quart) per 100 square feet or two pounds for each 100 feet of row, if planted in rows, raking it into soil at once. We have had excellent results from the application of 2 pounds per 100 feet of row just at the time spikes begin to show.

Liquid fertilizer or prepared sheep manure may be applied to the soil near the rows, care being exercised not to make the application too strong. Nitrate of soda (a tablespoonful to two gallons of water for each dozen plants) applied to soil near the rows once each week or ten days after buds begin to show color, is very beneficial. Or you can sprinkle the pulverized nitrate of soda over soil, rake in and water. We prefer not to use stable manure in any form.

Fine gladiolus are grown in thousands of gardens each year without special attention of any kind. However, any plant grows better if given special culture and we present the foregoing suggestions for the benefit of those who wish to grow finer flowers. The greatest thrill of gardening is to be able to grow something better than the ordinary.

INSECT PESTS AND BULB DISEASES

Unfortunately gladiolus have their pests and diseases as do all other flowers and plants, although they have about as little trouble in this respect as anything you might grow. During the past few years, some sections of the country have experienced considerable trouble from a minute black insect known as *thrip* which sucks the juices from the buds so that the flowers do not open properly. If you have had this trouble, do not be discouraged, because control of *thrip* is now very definitely a matter of record.

We have had no *thrip* whatever in our fields during the past two seasons. Our stock is grown in isolated plantings and by treatment with corrosive sublimate (mercuric chloride) at planting time, we have been able to eradicate this troublesome pest. This gives the bulb a coating that wards off various bulb diseases and fungus attacks. Your glads may become infested from neighboring plantings, and we recommend preventative spraying to insure undamaged blooms unless your garden is well isolated from other plantings.

The recommended spray formula is as follows:

- 1 tablespoon Paris Green
- 2 lbs. brown sugar
- 3 gallons water.

In order to avoid burning of the foliage, it is recommended substituting 3 ounces acid lead arsenate for the Paris Green or two tablespoons magnesium arsenate. The latter however is considered not quite so effective. These sprays must be kept-constantly agitated while spraying. If your bulbs are treated properly with corrosive sublimate just before planting, thereby avoiding an early infestation of this pest, it is likely your blooms will mature before much damage is done by *thrip* coming from neighboring plantings. However, spraying is worthwhile to prevent damage from other troublesome insect pests.

The approved corrosive sublimate treatment is as follows: Dissolve 1 ounce of the powder first in small amount of warm water, then pour into 7 gallons of water, preferably above 60 degrees. Cold water may render the treatment ineffective. The solution must be used in a non-metal container, such as a crock, wooden pail, or glass. We find 10-gallon crocks ideal for this purpose. Varieties may be kept separate in cloth bags; old sugar bags will do for small quantities or bags made of cheesecloth for larger quantities. In order to keep varieties properly labeled, we simply write the variety name on cardboard strip with weatherproof pencil and put it inside of bag before tying the latter. Ordinary lead pencil will do just as well. Be sure that bags are completely immersed. Soak 12 to 17 hours, preferably at night before planting. Makes no difference if bulbs are planted wet or dry, but we prefer planting as soon as possible after bulbs are taken from solution. This solution is safe to the hands, but is a deadly poison and must be used and disposed of with care.

This treatment is so inexpensive and requires so little effort that everyone should use it, regardless of whether the planting is a few dozen or a few thousand bulbs.

If your glads become infested during the season, cut the tops off at digging time and burn them. Then as soon as your bulbs are fairly well dried, treat them with naphthalene flakes, 1 ounce (4 level tablespoons) sprinkled on each 100 large bulbs or equivalent in bulk of smaller sizes, in closed bottom containers. Containers should be closed but not completely airtight. Closed paper bags are safe for a few weeks if the bulbs are dry as some moisture can escape. After four to six weeks, shake out any unevaporated flakes in order to avoid damage to root knobs and eye sprouts when they appear in the spring.

The naphthalene treatment is to avoid *thrip* damage to bulbs in storage. Our experience indicates that it is not completely effective and bulbs should be treated with corrosive sublimate before planting regardless of the fact that they were treated with naphthalene in storage.

We have had a number of inquiries in regard to corrosive sublimate (bichloride of mercury) treatment where same could not be obtained in powdered form. In this case it is suggested that you use 1 tablet from drug store containing 7.3 grains corrosive sublimate to each pint of water. Tablets should be thoroughly dissolved in warm water.

During the past season a new spray has been developed and tested by the U. S. Department of Agriculture. In this spray, Tartar Emetic (Antimony Potassium Tartrate) is used instead of Paris Green or Magnesium Arsenate. Tartar Emetic is soluble in water, thus avoiding the necessity of constantly agitating the solution while spraying and does not injure the plants. The recommended formula for this spray is as follows:

2 oz. Tartar Emetic

1 lb. brown sugar

3 gals. water

Richglad Garden

RICHMOND, VIRGINIA

NAME { MR.
MRS.
MISS.

STREET _____

P. O. Box _____ R. D. No. _____ Box _____

POSTOFFICE _____ DATE _____ 193 _____

STATE _____ EXPRESS OFFICE _____

If sold out of large size bulbs ordered, may we substitute double quantity of medium size bulbs?

☐ YES ☐ NO

[illegible]

If you will furnish us names and addresses of friends who would be interested in receiving copy of this catalog we will include extra bulbs with your order in return for your trouble.

LIST NAMES AND ADDRESSES ON BACK OF ORDER BLANK.

JOIN A GLADIOLUS SOCIETY

Anyone interested in growing gladiolus should join some gladiolus society and receive the benefit of the information these societies are constantly sending out. Join your state or local society by all means, and to get even more benefits, join a national society.

For those in Virginia and nearby states, the nearest society is perhaps the Maryland Gladiolus Society. This is a real progressive society and their annual show is truly worthwhile. For particulars, address Mr. H. V. Wright, Secretary, Edgewood, Maryland, and better still send him a check for \$1.00 for a membership now.

For those in the mid-west, we suggest the Iowa Gladiolus Society. Address Secretary's Office, State House, Des Moines, Iowa. Dues \$1.00 per year. This is a very progressive society and they publish a worthwhile monthly bulletin. Other outstanding societies are Empire State Gladiolus Society (N. Y.) ; Indiana Gladiolus Society; Minnesota Gladiolus Society; Ohio State Gladiolus Society; and Canadian Gladiolus Society.

Probably the most outstanding society in the world today and really an international society is the New England Gladiolus Society. This society publishes an annual called "The Gladiolus" which we think is the most outstanding publication on gladiolus obtainable; about 200 pages of real value to anyone interested in gladiolus. Regular membership \$1.00 per year, including copy of "The Gladiolus" or special membership \$2.00 per year, including copy of "The Gladiolus" and three supplements issued each quarter during 1939.

Applications should be sent to Albin K. Parker, Secretary, Norwood, Massachusetts, and remittance should be in New York or Boston funds, cash, United States or International money orders. However, if you wish, you may send your application direct to us with your order, making separate check payable direct to New England Gladiolus Society, Inc. We will forward your application to Mr. Parker and include with your order extra bulbs equal in value to at least one-half of the membership fee. This offer applies only to new members and not to renewals.

We should like very much to see a society organized for the state of Virginia and would be very glad to hear from anyone interested. The Virginia Dahlia Society is one of the leading dahlia societies and we see no reason that the gladiolus should not be as well represented in the Old Dominion.



MAKE GLADIOLUS THE NATIONAL FLOWER

We wish to heartily endorse the movement sponsored by Sioux City Gladiolus Society (Chapter Iowa Gladiolus Society) to adopt the gladiolus as the National Flower. The gladiolus is one of the few flowers which can be grown under natural conditions in every state of the Union. Its popularity, outstanding beauty, erect manner of growth, wide range of types, and long blooming season make it a logical choice for the National Flower. We call your attention to picture on front cover photographed October 15, 1938. We know of no other flower which can so easily be bloomed over a long period of time under natural growing conditions.

General Assortments

LEADER COLLECTION

Three (3) large bulbs each, Amador, Ave Maria, Brightsides, Debonair, Excellence, Mary Elizabeth, Marmora, Mildred Louise, Minuet, Miss Alameda, Queen Helen II, Spirit of St. Louis, and Yellow Emperor. The finest of the standard varieties in wide color range and truly a de luxe beginner's collection. Thirteen varieties, properly labeled, 39 large bulbs.

\$2.00 value — All postpaid for \$1.50.

SPECIAL LABELED COLLECTION

To those who have not grown the newer varieties of gladiolus, we suggest that you leave the selection of varieties to us. You will be pleased at blooming time. Twenty-five (25) large bulbs, 5 each of 5 varieties (our selection), including the wonderful Picardy.

Postpaid for \$1.00.

PICARDY SPECIAL

10 large, 20 medium, and 40 small—
all should bloom.

70 bulbs, postpaid for \$1.00.

MISS ALAMEDA SPECIAL

10 large, 10 medium and 20 small bulbs—

40 bulbs, postpaid for \$1.00.

ONE-HALF SPECIAL

One-half the bulbs specified under any Special above for 50c. For example if you order $\frac{1}{2}$ Picardy Special, you will receive 5 large, 10 medium, and 20 small bulbs.

One-half Special, postpaid for 50c.

QUEEN HELEN II SPECIAL

10 large, 10 medium, and 20 small bulbs—

40 bulbs, postpaid for \$1.00.

BRIGHTSIDES SPECIAL

10 large, 20 medium and 20 small—

50 bulbs, postpaid for \$1.00.

RED COLLECTION

To those who prefer the red and rose-red colors, we have made up a very special collection. Two (2) large bulbs each Amador, Autumn Glory, Hugo Eckener, Red Splendor and Splendorra. Five (5) varieties, properly labeled, 10 large bulbs—

85c value — All postpaid for 50c.

PINK COLLECTION

Fine pink varieties; Two (2) large bulbs each Debonair, Mildred Louise, Miss Alameda, Mrs. E. J. Heaton, Queen Helen II and Rozan Marie. Six (6) varieties, properly labeled, 12 large bulbs—

85c value — All postpaid for 50c.

EXHIBITION MIXTURE

To those who do not care to take the trouble to grow gladiolus under name, we offer this choice assortment containing at least 10 different varieties (in mixtures and not labeled) of our finest standard varieties, covering a wide range of colors.

25 large bulbs for \$1.00; 50 for \$1.75;
100 for \$3.00 — All postpaid.

QUANTITY PRICES

If you are interested in larger quantities of any one variety than listed herein, we will be glad to quote prices upon request. Bona fide growers and dealers asking for wholesale prices will please write us upon printed stationery.